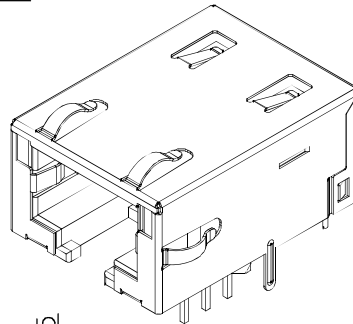
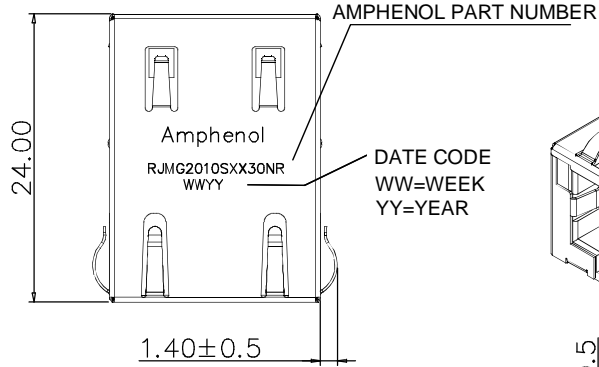


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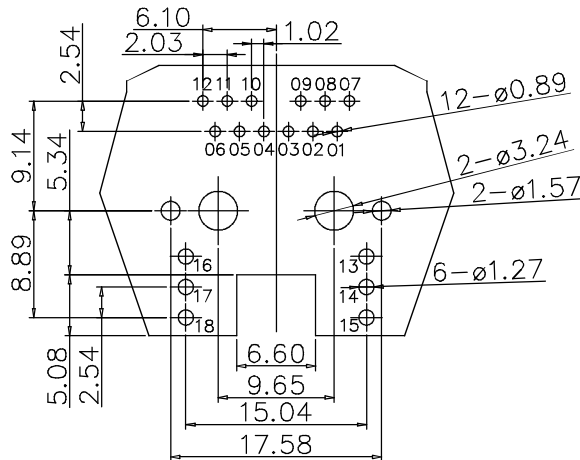
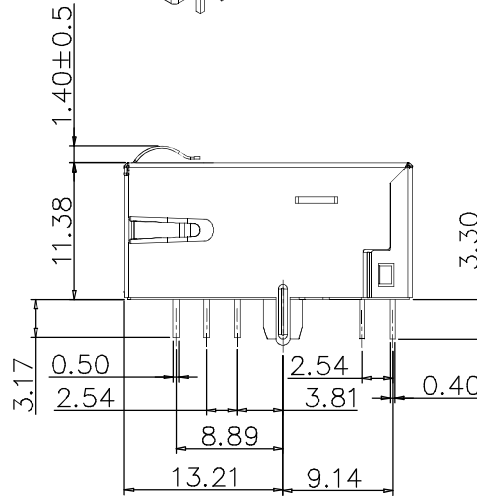
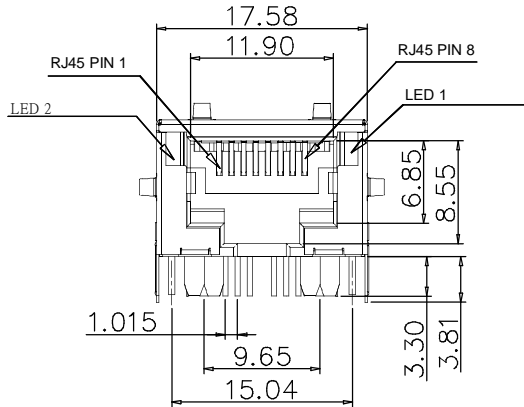
CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW PROPOSAL DRAWING	11/08/2012	Tony Lin
AX2		ADD PACKAGE DRAWING	12/04/2012	Roger Tsai
AX3		UPDATE DOMINANT WAVELENGTH	01/14/2013	Roger Tsai
AX4		ADD THE LED CONFIGURATION	02/22/2013	Roger Tsai



NOTES:

- MATERIAL:
 - HOUSING: THERMOPLASTIC, UL94 V-0;
COLOR: BLACK
 - RJ CONTACT: COPPER ALLOY, T=0.30±0.02mm.
 - SHELL: COPPER ALLOY, T=0.20±0.02mm.
- FINISH:
 - CONTACT:
 - GOLD PLATING [30 μ"] (SEE TABLE) ON CONTACT AREA.
 - 2.54μm [100 μ"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.
 - 1.27μm [50 μ"] MIN. NICKEL UNDERPLATING OVERALL.
 - SHELL:
 - 1.27μm [50 μ"] MIN. NICKEL UNDERPLATING OVERALL.
- RECOMMENDED P.C.B THICKNESS : 1.6mm
- OTHER GENERAL SPEC. TO REFER : RJF SERIES SPEC.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS



FOR ONE UNIT

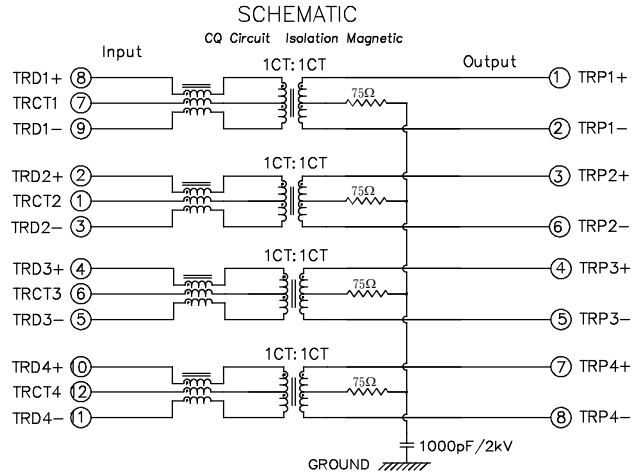
TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®			
X.X ±0.35	DRAWN Devin Yen	02/22/2013	RJMG2010 Series 1X1 1000 Base-T Series with LED options		Amphenol Corporation			
X.XX ±0.25					Amphenol Taiwan Corporation			
X.XXX ±0.15	CHECKED Vivian Wen	02/22/2013			UNIT	SIZE	PART No.	
ANGULAR ±1°	APPROVED Roger Tsai	02/22/2013			mm	A3	RJMG2010SXX30NR	
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE RJMG	SCALE	SHEET	DWG No.		REV.	
			NA	1 OF 3	RJMG2010SXX30NR		AX4	

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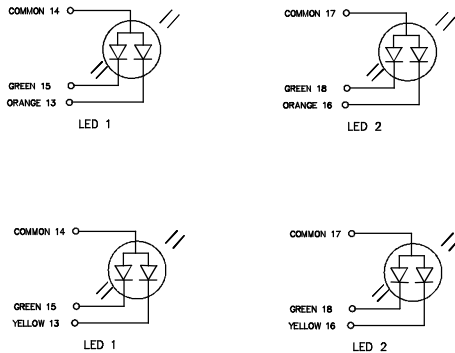
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CUSTOMER DRAWING

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LED CONFIGURATION



RJMG2010SXX30NR

LED2 AND LED4 (RIGHT SIDE) SEE LED OPTIONS
 0- No LED (Blocked Hole)
 8- Bi-color Green/Orange (3 leads)
 9- Bi-color Green/Yellow (3 leads)

LED1 AND LED3 (LEFT SIDE) SEE LED OPTIONS
 0- No LED (Blocked Hole)
 8- Bi-color Green/Orange (3 leads)
 9- Bi-color Green/Yellow (3 leads)

ELECTRICAL CHARACTERISTICS

- TEST NOTES (25±5°C)
- TR: (100kHz, 100mV)
 PINS: (P8-P9): (J1-J2)=1: 1±3%; (P2-P3): (J3-J6)=1: 1±3%
 PINS: (P4-P5): (J4-J5)=1: 1±3%; (P10-P11): (J7-J8)=1: 1±3%
 - LX: (100kHz, 100mV, 8mA DC Bias)
 PINS: (P8-P9), (P2-P3), (P4-P5), (P10-P11)=350uH MINIMUM
 - DCR:
 PINS: (J1-J2), (J3-J6), (J4-J5), (J7-J8)=1.2 OHMS MAXIMUM
 - HIPOT:
 PINS: (P8-P9) TO (J1-J2), (P2-P3) TO (J3-J6)=1500Vrms
 PINS: (P4-P5) TO (J4-J5), (P10-P11) TO (J7-J8)=1500Vrms
 - INSERTION LOSS:
 -0.8dB MAXIMUM AT 1MHz-100MHz
 -1.2dB MAXIMUM AT 100MHz-125MHz
 - RETURN LOSS
 -18dB MINIMUM AT 0.5MHz TO 40MHz
 -12+20log(f/80MHz)dB MINIMUM AT 40MHz TO 100MHz
 - CROSS TALK:
 -33+20log(f/100MHz)dB MINIMUM AT 0.1MHz TO 100MHz
 - COMMON TO DIFFERENTIAL MODE REJECTION
 -30dB MINIMUM AT 0.3MHz TO 100MHz
 - COMMON TO COMMON MODE REJECTION
 -30dB MINIMUM AT 0.3MHz TO 100MHz
 - LED1&LED2
 VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP, ORANGE 2.1V TYP, YELLOW 2.1V TYP
 D (DOMINANT WAVELENGTH) IF=20mA, GREEN 565 TYP, ORANGE 605 TYP, YELLOW 590nm TYP



TOLERANCE	APPROVALS	DATE	TITLE			Amphenol [®]		
X. ±0.35	DRAWN Devin Yen	02/22/2013	RJMG2010 Series 1x1 1000 Base-T Series with LED options			Amphenol Corporation		
X.XX ±0.25						Amphenol Taiwan Corporation		
X.XXX ±0.15								
ANGULAR ±1°	CHECKED Vivian Wen	02/22/2013	UNIT mm	SIZE A3	PART No. RJMG2010SXX30NR			
UNLESS OTHERWISE SPECIFIED	APPROVED Roger Tsai	02/22/2013	SCALE NA	SHEET 2 OF 3	DWG No. RJMG2010SXX30NR REV. AX4			
	DWG TYPE CUST DWG	PROJECT CODE RJMG						

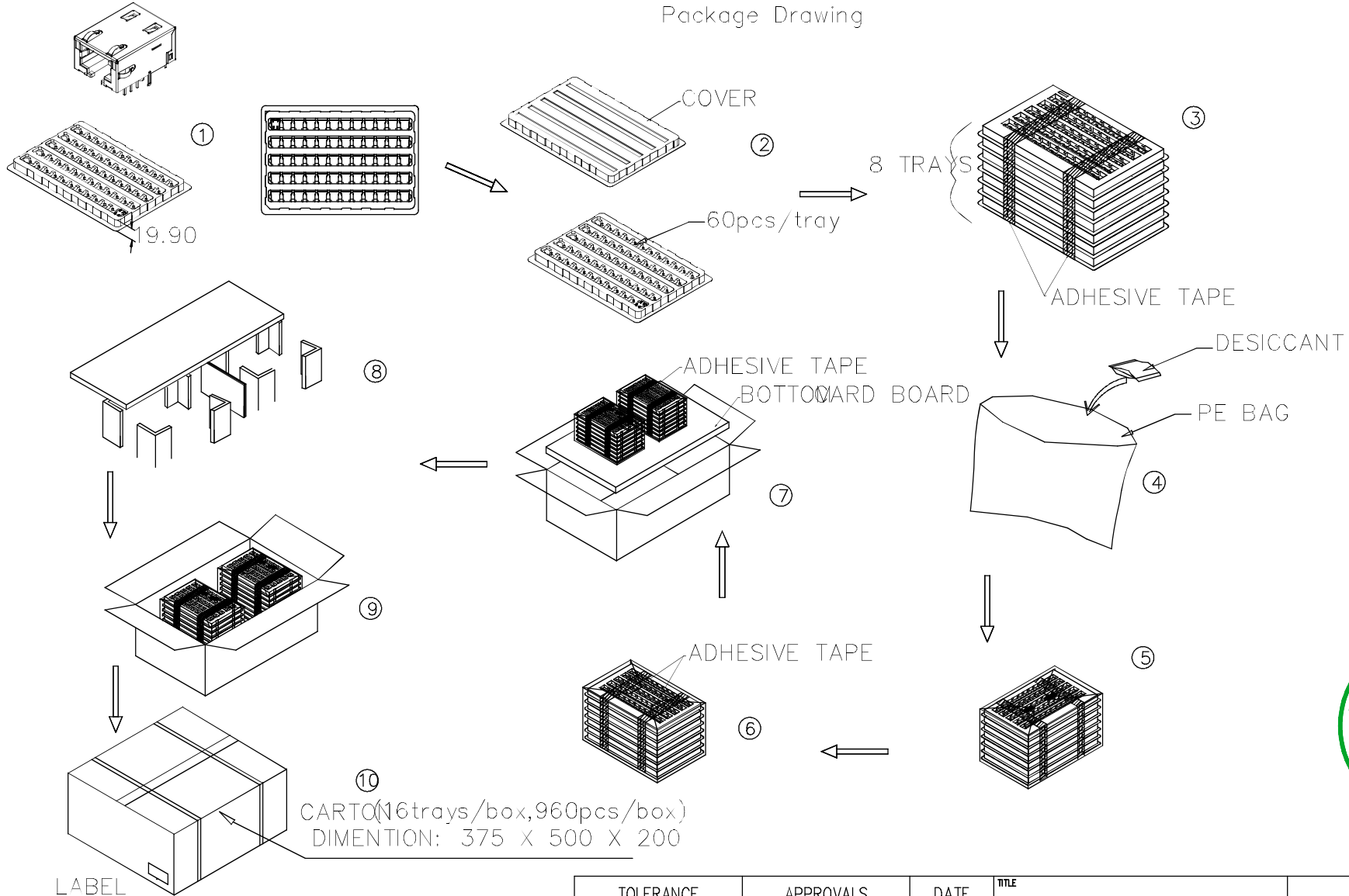
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Package Drawing



TOLERANCE	APPROVALS	DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. ±0.35	DRAWN Devin Yen	02/22/2013	RJMG2010 Series 1X1 1000 Base-T Series with LED options			PART No. RJMG2010SXX30NR		
X.XX ±0.25	CHECKED Vivian Wen	02/22/2013						
X.XXX ±0.15	APPROVED Roger Tsai	02/22/2013						
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE RJMG		UNIT mm	SIZE A3	SHEET 3 OF 3		
UNLESS OTHERWISE SPECIFIED				SCALE NA				
						DWG No. RJMG2010SXX30NR	REV. AX4	